

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092724\
 Data File : BG063080.D
 Acq On : 27 Sep 2024 19:08
 Operator : RC/JU
 Sample : P3910-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC07

Quant Time: Sep 27 22:57:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 25 13:16:45 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

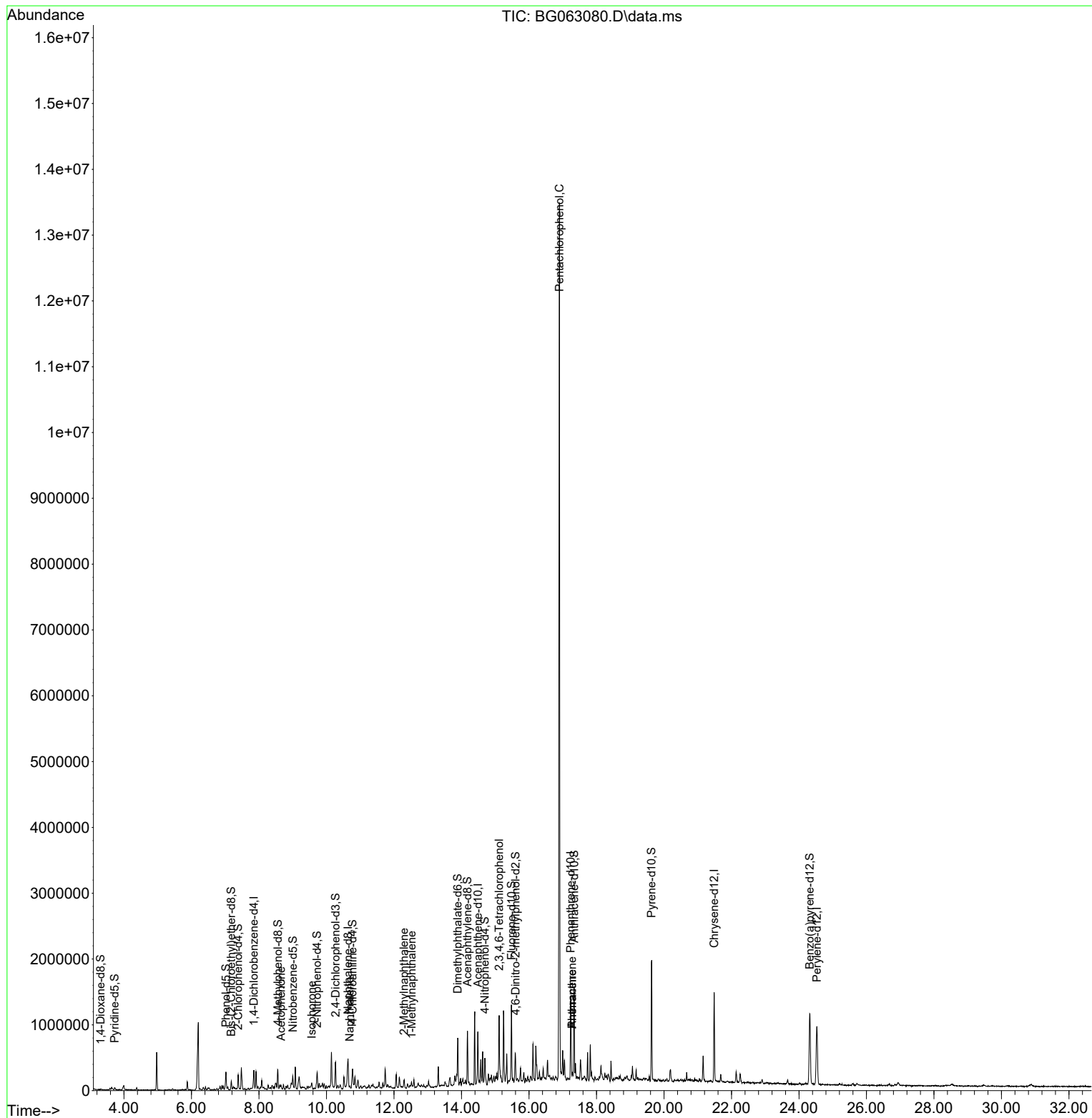
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.848	152	84665	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.639	136	357860	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.487	164	315118	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.237	188	787072	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.485	240	858418	20.000	ng/ul	# 0.00
88) Perylene-d12	24.528	264	1012562	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	5274	3.591	ng/uL	0.00
4) Pyridine-d5	3.723	84	21475	5.980	ng/ul	0.00
7) Phenol-d5	7.019	99	128948	24.659	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.178	67	49872	24.412	ng/ul	0.00
11) 2-Chlorophenol-d4	7.384	132	118245	23.013	ng/ul	0.00
15) 4-Methylphenol-d8	8.559	113	117508	24.892	ng/ul	0.00
21) Nitrobenzene-d5	9.005	128	58965	22.408	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	76308	22.706	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.268	165	157460	22.449	ng/ul	0.00
31) 4-Chloroaniline-d4	10.774	131	151931	18.459	ng/ul	0.00
46) Dimethylphthalate-d6	13.888	166	536663	21.420	ng/ul	0.00
49) Acenaphthylene-d8	14.176	160	616402	23.216	ng/ul	0.00
54) 4-Nitrophenol-d4	14.693	143	78100	20.668	ng/ul	0.00
60) Fluorene-d10	15.480	176	501268	21.835	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.603	200	104784	19.050	ng/ul	0.00
73) Anthracene-d10	17.337	188	881140	23.334	ng/ul	0.00
81) Pyrene-d10	19.628	212	1145801	23.705	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.317	264	1277941	23.565	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.653	105	28539	3.887	ng/ul#	40
23) Isophorone	9.563	82	39868	4.156	ng/ul#	90
30) Naphthalene	10.691	128	24078	1.324	ng/ul#	96
36) 2-Methylnaphthalene	12.301	142	57980	3.929	ng/ul	99
37) 1-Methylnaphthalene	12.525	142	36861	2.472	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.116	232	268919	32.521	ng/ul	99
71) Pentachlorophenol	16.902	266	2896771	432.557	ng/ul	93
72) Phenanthrene	17.278	178	48709	1.201	ng/ul	94
74) Anthracene	17.278	178	47840	1.147	ng/ul	96

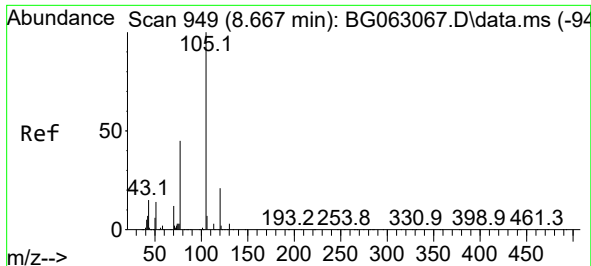
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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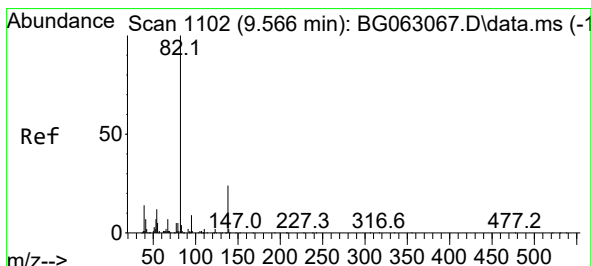
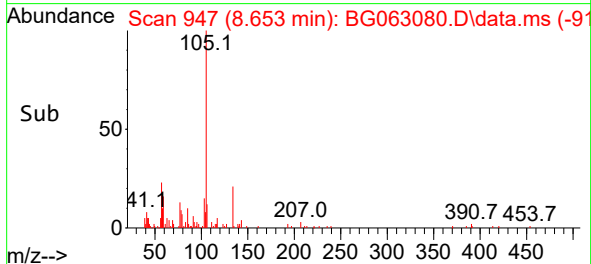
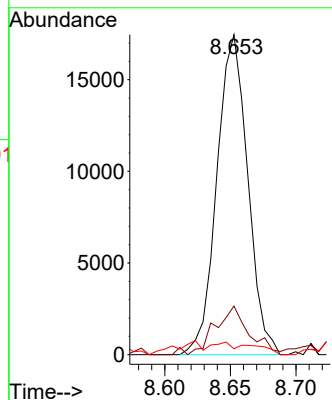
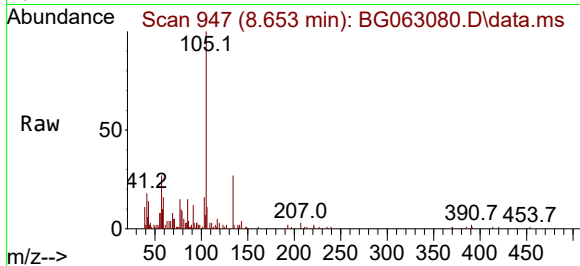




#16
Acetophenone
Concen: 3.887 ng/ul
RT: 8.653 min Scan# 949
Delta R.T. -0.011 min
Lab File: BG063080.D
Acq: 27 Sep 2024 19:08

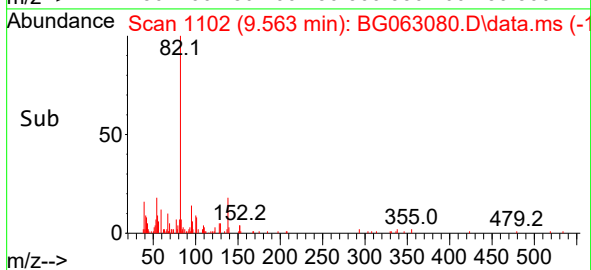
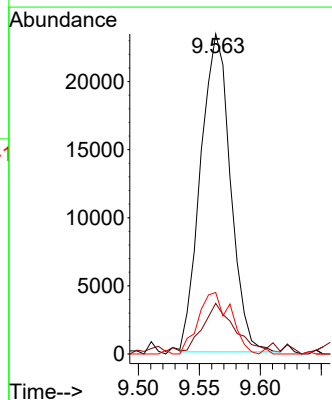
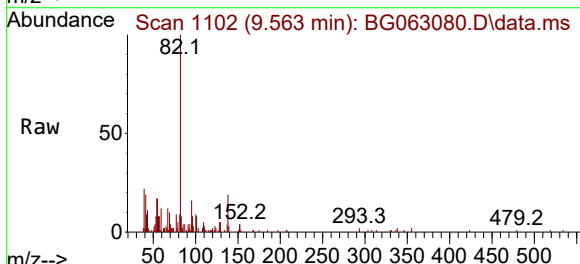
Instrument :
BNA_G
ClientSampleId :
DDC07

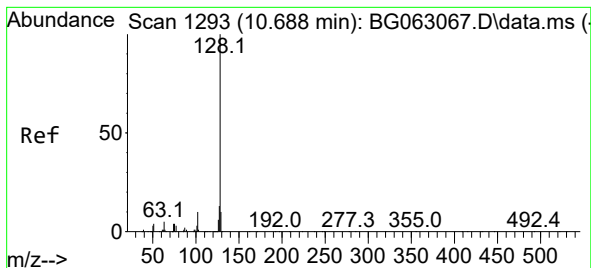
Tgt Ion:105 Resp: 28539
Ion Ratio Lower Upper
105 100
77 15.2 54.2 81.4#
51 1.8 19.6 29.4#



#23
Isophorone
Concen: 4.156 ng/ul
RT: 9.563 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BG063080.D
Acq: 27 Sep 2024 19:08

Tgt Ion: 82 Resp: 39868
Ion Ratio Lower Upper
82 100
95 15.8 10.0 15.0#
138 19.2 19.5 29.3#





#30

Naphthalene

Concen: 1.324 ng/ul

RT: 10.691 min Scan# 1294

Delta R.T. 0.000 min

Lab File: BG063080.D

Acq: 27 Sep 2024 19:08

Instrument :

BNA_G

ClientSampleId :

DDC07

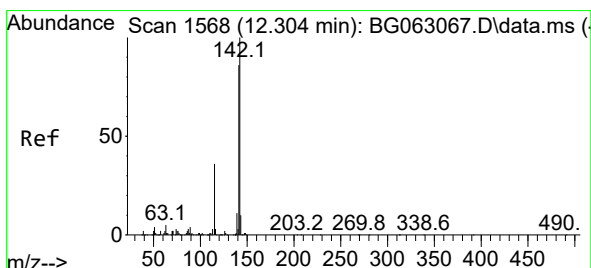
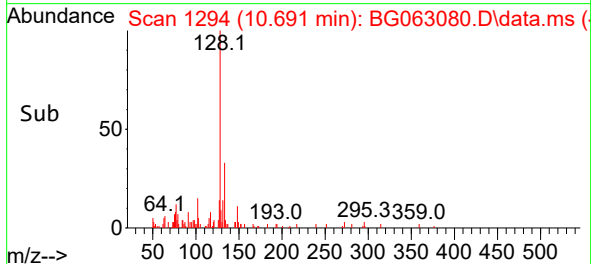
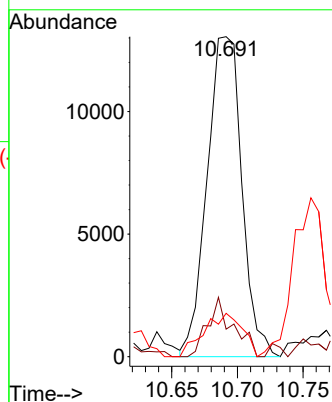
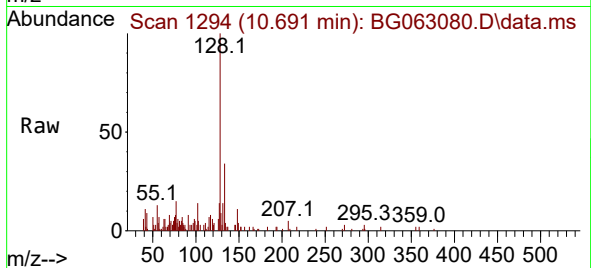
Tgt Ion:128 Resp: 24078

Ion Ratio Lower Upper

128 100

129 8.6 9.3 13.9#

127 13.5 10.7 16.1



#36

2-Methylnaphthalene

Concen: 3.929 ng/ul

RT: 12.301 min Scan# 1568

Delta R.T. 0.000 min

Lab File: BG063080.D

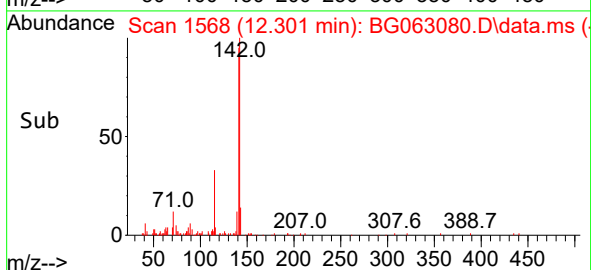
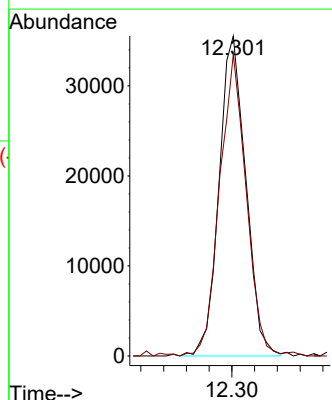
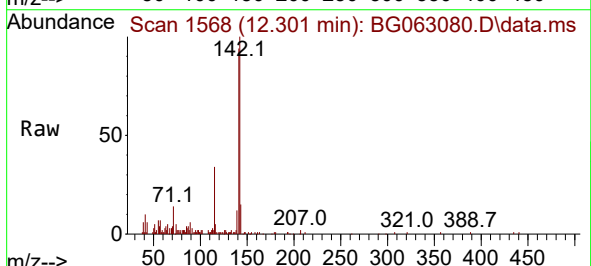
Acq: 27 Sep 2024 19:08

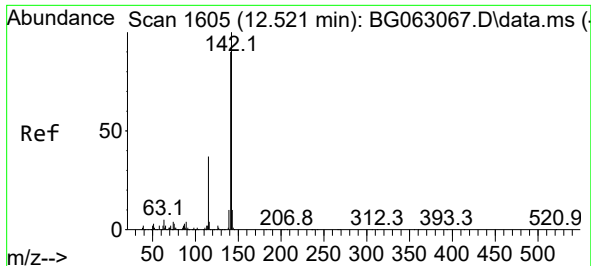
Tgt Ion:142 Resp: 57980

Ion Ratio Lower Upper

142 100

141 94.3 75.8 113.8

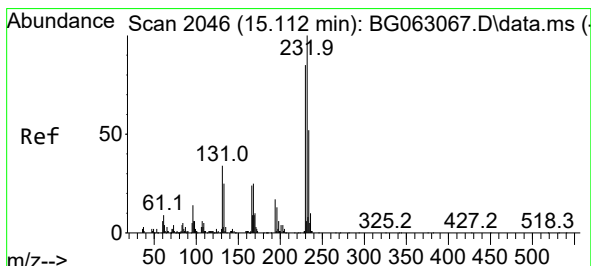
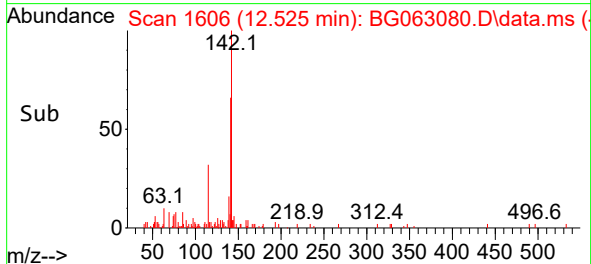
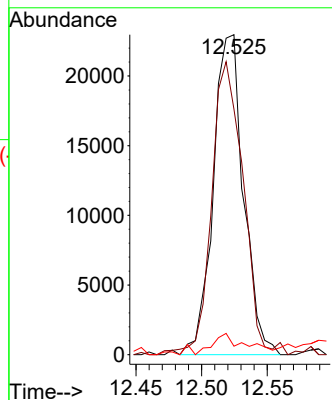
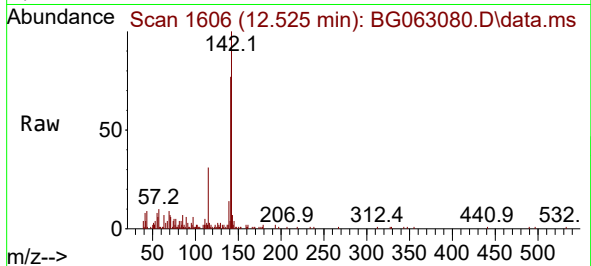




#37
1-Methylnaphthalene
Concen: 2.472 ng/ul
RT: 12.525 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG063080.D
Acq: 27 Sep 2024 19:08

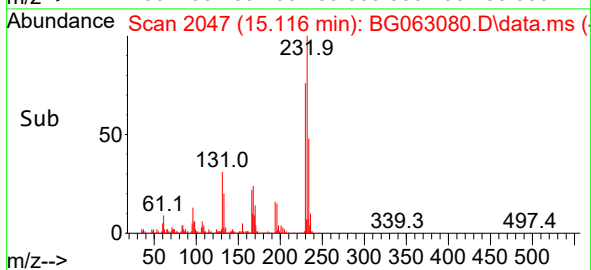
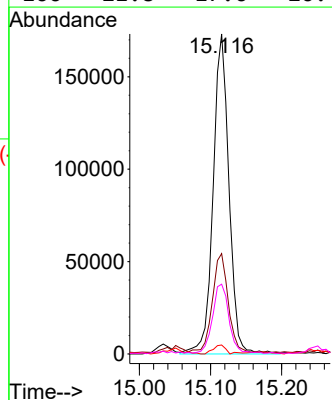
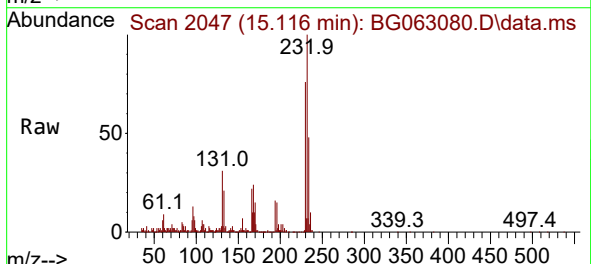
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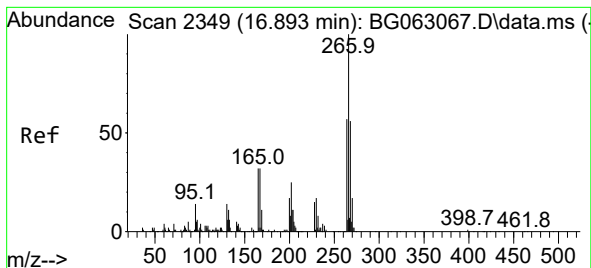
Tgt Ion:142 Resp: 36861
Ion Ratio Lower Upper
142 100
141 76.7 73.4 110.0
116 2.7 3.0 4.6#



#58
2,3,4,6-Tetrachlorophenol
Concen: 32.521 ng/ul
RT: 15.116 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BG063080.D
Acq: 27 Sep 2024 19:08

Tgt Ion:232 Resp: 268919
Ion Ratio Lower Upper
232 100
131 31.3 25.8 38.6
130 2.8 1.9 2.9
166 21.8 17.6 26.4





#71

Pentachlorophenol

Concen: 432.557 ng/ul

RT: 16.902 min Scan# 21

Delta R.T. 0.012 min

Lab File: BG063080.D

Acq: 27 Sep 2024 19:08

Instrument :

BNA_G

ClientSampleId :

DDC07

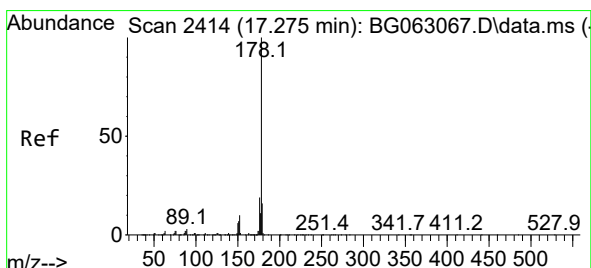
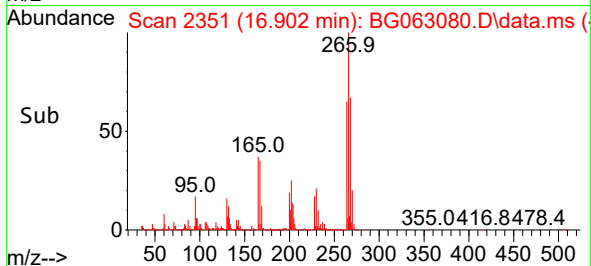
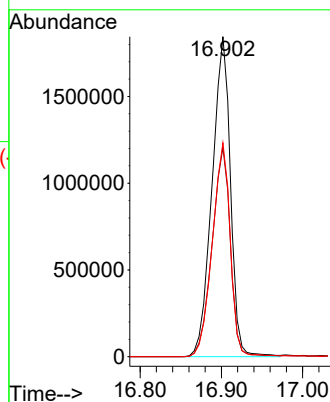
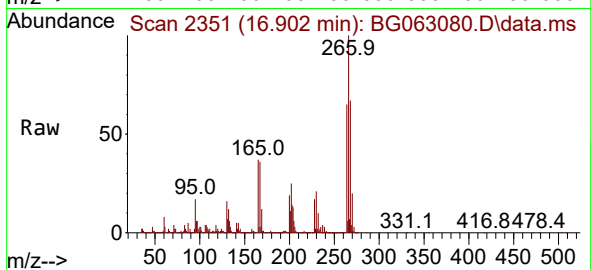
Tgt Ion:266 Resp: 2896771

Ion Ratio Lower Upper

266 100

264 65.3 57.7 86.5

268 66.8 57.3 85.9



#72

Phenanthrene

Concen: 1.201 ng/ul

RT: 17.278 min Scan# 2415

Delta R.T. 0.000 min

Lab File: BG063080.D

Acq: 27 Sep 2024 19:08

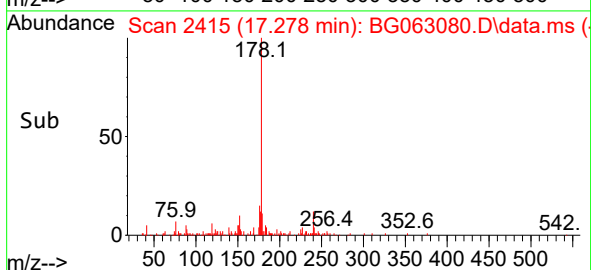
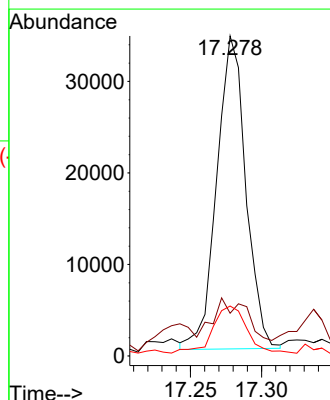
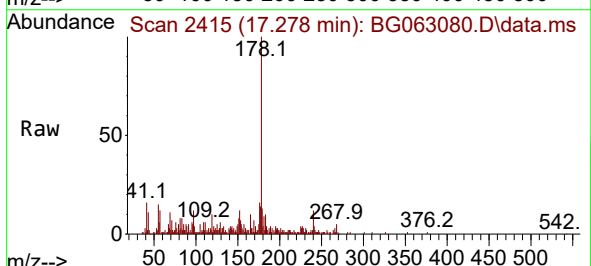
Tgt Ion:178 Resp: 48709

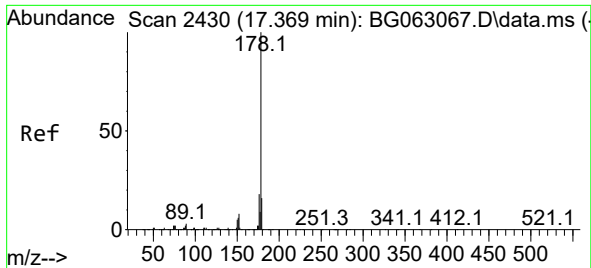
Ion Ratio Lower Upper

178 100

179 13.3 12.2 18.4

176 15.6 14.9 22.3





#74
 Anthracene
 Concen: 1.147 ng/ul
 RT: 17.278 min Scan# 2415
 Delta R.T. -0.088 min
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 Acq: 27 Sep 2024 19:08

Instrument :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.3	12.1	18.1
176	15.6	14.1	21.1

